

Title (en)  
Joining and/or gluing method and products produced according to this method

Title (de)  
Füge- und/oder Verklebungsverfahren und auf diese Weise hergestellte Produkte

Title (fr)  
Procédé d'assemblage et/ou de collage et produits fabriqués de cette manière

Publication  
**EP 2653514 A3 20170517 (DE)**

Application  
**EP 13001596 A 20130327**

Priority  
• DE 102012007786 A 20120420  
• DE 102012008402 A 20120427

Abstract (en)  
[origin: EP2653514A2] Mounting an edge, preferably a plastic edge on a material, preferably mounting edge bands on at least one narrow surface of a part, preferably plate-shaped material, comprises (a) applying a side of the material, preferably a material part of the edge band with an energy activatable adhesive layer obtained based on a dispersion or solution of at least an adhesive polymer, for connecting, and (b) mounting the obtained edge band on at least one narrow face of the material part under the effect of energy, preferably joining and/or gluing permanently with at least one narrow face of material part. Mounting an edge, preferably a plastic edge on a material, preferably mounting edge bands on at least one narrow surface of a part, preferably plate-shaped material by joining and/or gluing, comprises (a) applying a side of the material, preferably a material part of the edge band with an energy activatable adhesive layer obtained based on a dispersion or solution of at least an adhesive polymer, preferably polyvinyl acetates in the absence of an energy absorbing additive, for connecting, and (b) mounting the obtained edge band on at least one narrow face of the material part under the effect of energy, preferably joining and/or gluing permanently with at least one narrow face of the material part. Independent claims are also included for: (1) a material, preferably plate-shaped material part, where at least one narrow face of the material is provided with an edge band, obtained by the above method; (2) applying a energy activatable adhesive layer on at least one side of an edge bands, for subsequent mounting of the edge, preferably the plastic edge on a material by joining and/or adhesive bonding, comprising applying the edge band on at least one of its two sides, preferably its side to be joined at a material, with the energy activatable adhesive layer; (3) an edge band comprising energy activatable adhesive layer formed on at least one side and which is produced by the method; and (4) use of a composition, preferably in the form of a dispersion or solution comprising at least one adhesive polymer.

IPC 8 full level  
**C09J 5/06** (2006.01); **C09J 7/35** (2018.01)

CPC (source: EP US)  
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Citation (search report)  
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• [X] US 2004250516 A1 20041216 - MAAKS GARY E [US], et al  
• [XY] US 2821497 A 19580128 - WORKS WILLIAM R, et al  
• [Y] WO 2010009805 A1 20100128 - KARL W NIEMANN GMBH & CO KG [DE], et al  
• [T] EP 2653513 A2 20131023 - JOWAT AG [DE]

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